

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY DKT NO. 7340-007	SERIAL NO. 10/757,056
		APPLICANT Higgins	
		FILING DATE January 14, 2004	GROUP 1793
INFORMATION DISCLOSURE STATEMENT BY APPLICANT			

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CL.	SUBCL.	FILING DATE IF APPROP.
/EMJ/	A	3,105,540	10/1963	Hardgrove	431	9	
	B	3,528,797	09/1970	Funk, et al.	71	39	
	C	3,565,575	02/1971	Warshaww, et al.	23	2	
	D	3,773,897	11/1973	Fields, et al.	423	235	
	E	3,847,564	11/1974	Marion et al.	48	95	
	F	3,860,384	01/1975	Vulliet et al.	431	4	
	G	3,900,554	08/1975	Lyon	423	235	
	H	3,970,739	07/1976	Shiraishi et al.	423	238	
	I	4,021,188	05/1977	Yamagishi et al.	431	158	
/EMJ/	J	4,029,752	06/1997	Cahn	423	563	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CL.	SUBCL.	TRANSLATION	
							YES	NO

OTHER DOCUMENTS (Incl. Author, Title, Date, Pertinent pages, etc.)

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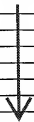
DATE CONSIDERED

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/EMJ/	K	4,039,446	08/1977	Ban et al.	210	688		
↓	L	4,080,423	03/1978	Smith et al.	423	210		
	M	4,089,639	05/1978	Reed et al.	431	211		
	N	4,119,702	10/1978	Azuhata et al.	423	235		
	O	4,150,631	04/1979	Frey et al.	110	186		
	P	4,154,581	05/1979	Nack et al.	48	197R		
	Q	4,173,454	11/1979	Heins	44	522		
	R	4,196,057	04/1980	May et al.	205	775.5		
	S	4,213,944	09/1980	Azuhata et al.	423	235		
	T	4,294,178	10/1981	Borio et al.	110	347		
	U	4,318,718	03/1993	Carver et al.	110	347		
/EMJ/	V	4,375,949	03/1983	Salooja	431	7		
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/EMJ/	W	4,381,718	05/1993	Carver et al.	110	347		
	X	4,469,050	09/1984	Korenberg	122	4D		
	Y	4,502,633	03/1985	Saxon	239	422		
	Z	4,504,211	03/1985	Beardmore	44	604		
	AA	4,506,608	03/1985	Strohmeyer, Jr.	110	245		
	BB	4,507,075	03/1985	Buss et al.	421	115		
	CC	4,507,269	03/1985	Dean et al.	423	235		
	DD	4,565,137	01/1986	Wright	110	264		
/EMJ/	EE	4,584,948	04/1986	Syred et al.	110	264		
	FF	4,624,840	11/1986	Dean et al.	423	235		
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EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CL.	SUBCL.	FILING DATE IF APPROP.
/EMJ/	GG	4,627,965	12/1986	Hegemann et al.	423	242	
	HH	4,672,900	06/1987	Santalla et al.	431	9	
	II	4,704,084	11/1987	Liu et al.	431	7	
	JJ	4,751,065	06/1998	Bowers	423	235	
	KK	4,777,024	10/1988	Epperly et al.	423	235	
	LL	4,780,289	10/1988	Epperly et al.	223	235	
	MM	4,809,910	09/1998	Svendssen	110	235	
	NN	4,824,441	04/1989	Kindig	44	604	
	OO	4,873,930	10/1989	Egense et al.	110	345	
	PP	4,962,711	10/1990	Yamauchi et al.	110	347	
	QQ	4,978,514	12/1990	Hofmann et al.	423	235	
/EMJ/	RR	5,017,347	05/1991	Epperly et al.	423	235	

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EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CL.	SUBCL.	FILING DATE IF APPROP.
/EMJ/	SS	5,032,154	07/1991	Wright	422	109	
	TT	5,048,432	09/1991	Hofmann et al.	110	345	
	UU	5,052,921	10/1991	Hemsath	423	121	
	VV	5,105,747	04/1992	Khinkis et al.	110	345	
	WW	5,139,754	08/1992	Luftglass et al.	423	235	
	XX	5,146,858	09/1992	Tokuda et al.	110	261	
	YY	5,240,404	08/1993	Hemsath et al.	431	9	
	XX	5,261,602	11/1993	Brent et al.	239	132.3	
	AAA	5,286,467	02/1994	Sun et al.	423	239.1	
/EMJ/	BBB	5,310,334	05/1994	Spiros	431	5	

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/EMJ/	CCC	5,336,081	08/1994	Saito et al.	431	190	
	DDD	5,345,883	09/1994	Panos	110	345	
	EEE	5,536,482	07/1996	Diep et al.	423	235	
	FFF	5,489,419	02/1996	Diep et al.	423	235	
	GGG	5,585,081	12/1996	Chu et al.	423	239.1	
	HHH	5,690,039	11/1997	Monroe et al.	110	264	
	III	5,707,596	01/1998	Lewandowski et al.	423	235	
	JJJ	5,728,357	03/1998	von Harpe	423	239.1	
	KKK	5,853,684	12/1998	Fang et al.	423	244.1	
	LLL	5,854,173	12/1998	Chang et al.	502	417	
	MMM	6,019,068	02/2000	Tsuo et al.	122	4D	
/EMJ/	NNN	6,042,371	03/2000	Mitani et al.	431	215	

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/EMJ/	OOO	6,109,911	08/2000	Tamminen et al.	431	4	
	PPP	6,190,628	02/2001	Carter	422	168	
	QQQ	6,213,032	04/2001	Breen et al.	110	345	
	RRR	6,230,664	05/2001	Janka et al.	112	4D	
	SSS	6,280,695	08/2001	Lissianski et al.	423	239.1	
	TTT	6,357,367	03/2002	Breen et al.	110	345	
	UUU	6,398,039	06/2002	Xue et al.	210	504	
	VVV	6,485,289	11/2002	Kelly et al.	431	4	
/EMJ/	WWW	6,5427,828	03/2003	Flippo et al.	95	54	

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/EMJ/	XXX	6,532,905	03/2003	Belin et al.	122	4D	
	YYY	6,818,043	11/2004	Chang et al.	95	37	
	ZZZ	6,953,494	10/2005	Nelson, Jr.	95	134	
	AAAA	7,198,769	04/2007	Cichanowicz	423	239.1	
	BBBB	7,335,014	02/2008	Higgins	431	4	
	CCCC	2003/011948	06/2003	Gaita et al.	96	108	
	DDDD	2004/0045437	03/2004	Chang et al.	95	134	
	EEEE	2004/1020872	06/2004	Fan et al.	423	239.1	
	FFFF	2004/0185399	09/2004	Moberg	431	4	
	GGGG	2004/0185402	09/2004	Moberg	431	9	
	HHHH	2004/0185401	09/2004	Moberg	431	9	
/EMJ/	III	2004/0253161	12/2004	Higgins	423	235	

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